

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention FIBER AMPLIFIER SYSTEM FOR PRODUCING VISIBLE LIGHT

Application Number:

10/662097

Confirmation Number:

8874

First Named Applicant:

Thomas Kane

Attorney Docket Number: LEL-011

Art Unit:

2828

Search string:

(6614815 or 6542228 or 6506342 or 6096496 or 5986234 or 5982482 or 5889798 or 5790584 or 5790574 or 5689363 or 5680412 or 5648976 or 5627853 or 5491707 or 5461637 or 5434875 or 5295209 or 5239408 or 5200964 or 5162940 or 4952059 or 4815804 or 4734911 or 4708421 or 6504972 or 6449408 or 6307984 or 6195369 or 5920588 or 5400165 or 6026102 or 6301275 or 5768302 or 6393035 or 6144484 or 6141143 or 6100516 or 5982789 or 5825465 or 5539765 or 5511085 or 6577429 or 5675596 or 5541947

or 5388114 or 5751751 or 4796262 or

20030031411 or 20030030756 or 20030063860

or 20030118060 or 20030058904 or

20030031215 or 20020030881 or 20020136246

or 20020018630 or 20010053263 or 20010021288 or 20010017724).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TU	1	6614815	2003-09-02	Kane et al.			
	2	6542228	2003-04-01	Hartog]	356	73.1
	3	6506342	2003-01-14	Frankel]	422	63
	4	6096496	2000-08-01	Frankel]	435	5
	5	5986234	1999-11-16	Matthews et al.]	219	121.68
	6	5982482	1999-11-09	Nelson et al.]	356	237.1
					7		

TU	7	5889798	1999-03-30	Molva et al.
	8	5790584	1998-08-04	Kong et al.
	9	5790574	1998-08-04	Rieger et al.
	10	5689363	1997-11-18	Dane et al.
	11	5680412	1997-01-21	DeMaria et al.
	12	5648976	1997-07-15	Franck et al.
	13	5627853	1997-05-06	Mooradian et al.
	14	5491707	1996-02-13	Rieger et al.
	15	5461637	1995-10-24	Mooradian et al.
	16	5434875	1995-07-18	Rieger et al.
	17	5295209	1995-03-15	Huber
	18	5239408	1993-08-24	Hackel et al.
	19	5200964	1993-04-06	Huber
	20	5162940	1992-01-10	Huber
	21	4952059	1990-08-28	Desruvire
	22	4815804	1989-03-28	Desruvire
	23	4734911	1988-03-29	Bruessellbach
	24	4708421	1987-11-24	Desruvire
	25	6504972	2003-01-07	Watanabe
	26	6449408	2002-09-10	Evans et al.
	27	6307984	2001-10-23	Watanabe
\prod	28	6195369	2001-02-23	Kumar et al.
\coprod	29	5920588	1999-07-06	Watanabe
\coprod	30	5400165	1995-03-21	Gnauck et al.
\prod	31	6026102	2000-02-15	Shimoji
	32	6301275	2001-10-09	Eichenholz et al.
\prod	33	5768302	1998-06-16	Wallace et al.
	34	6393035	2002-05-21	Weingarten et al.
	35	6144484	2000-11-07	Marshall
	36	6141143	2000-10-31	Marshall
	37	6100516	2000-08-08	Nerin et al.
\prod	38	5982789	1999-11-09	Marshall et al.
	39	5825465	1996-07-23	Nerin et al.
	40	5539765	1996-07-23	Sibbett et al.
	41	5511085	1996-04-23	Marshall
\prod	42	6577429	2003-06-10	Kurtz et al.

372	12
372	98
372	25
359	335
372	92
372	25
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385	37
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372	22
372	22
372	21
372	18
359	333
359	342
250	260.2
372	22
356	28.5
372	92
372	22
359	279

TN	43	5675596	1997-10-07	Kong et al.	
	44	5541947	1997-07-30	Mourou et al.	
	45	5388114	1995-02-07	Zarrabi	
	46	5751751	1998-05-12	Hargis et al.	
	47	4796262	1989-01-03	Michelangeli et al.	

372	25
372	25
372	22
372	41
372	9

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

in	t Cite.No.	Pub. No.	Date	· Applicant	Kind	Class	Subclass
7	J 1	20030031411	2003-02-13	Arbore et al.		385	37
	. 2.	20030030756	2003-02-13	Kane et al.		348	744
	. 3	20030063860	2003-04-03	Watanabe		385	39
	4	20030118060	2003-06-26	Spuehler et al.		372	18
	5	20030058904	2002-03-27	Krainer et al.		372	25
	6	20030031215	2003-02-13	Kane et al.		372	10
	7	20020030881 2002-03-14 N		Nilsson et al.		359	341.1
	8	20020136246	2002-09-26	Kubota et al.		372	21
	9	20020018630	2002-02-14	Richardson et al.		385	127
	.10	20010053263	2001-12-20	Watanabe		385	24
	11	20010021288	2001-09-09	Watanabe		385	15
	12	20010017724	2001-08-30	Miyamoto et al.		398	135

Signature

Examiner Name	Date
Tuem Mayer	8/18/05

9/12/03

FORM PTO-1449U.S. DEPARTMENT OF COMMERCE				AGENT. DOCI LEL-011	KET NO.	1	SERIAL NO. 10/662 Not Yet Assigned		
TICT	LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Thomas J. Kane et al.				
LIST									l
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					FILING DATE		GROUI		
					Filed Herewith	4/140	Not Yet	Assigned	
EXAMINER	_	T postp stre			CUMENTS				
INITIAL		DOCUMENT NUMBER	DATE	1	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
71	A	6,563,995	5/13/2003	Keaton et al.		385	127	4/2/2001	
	В	6,208,458	3/27/2001	Galvanauskas	s et al.	359	345	7/16/1998	
	C	20030031215	2/13/2003	Kane et al.		372	10	8/10/2001	
							-		
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				l					
		OTHER PRIOR	ART (Incl	uding Author	, Title, Date, Per	tinent Pag	es, Etc.)		
TN	D	Fabio Di Teodoro, Jeffi	rey P. Koplow,	Sean W. Moor	e and Dahv A. V. K	liner, "Diffr	action-limite	d 300-kW peak-	
1	E	power pulses from a coiled multimode fiber amplifier," Optics Letters, Vol. 27, No. 7, April 1, 2002 Dahv A. V. Kliner Fabio Di Teodoro, Jeffrey P. Koplow, and Sean W. Moore, "Efficient UV and visible generation							
	-	using a pulsed, Yb-dope	ed fiber amplif	ier," presented	at Conference of La	sers and Ele	ctro-Optics.	May 23, 2002.	
1	F	G. J. Spuhler, R. Pascho	otta, R. Fluck, I	B. Braun, M. M	loser, G. Zhang, E. (Gini and U.	Keller, "Expe	erimentally	
		confirmed design guide Journal of the Optical S	ociety of Ame	rica B. Vol. 16	No. 4. March 1000	sing semicor	iductor satur	able absorbers,"	
	G	Govind P. Agrawal, No	nlinear Fiber C	Optics, Third Ed	lition, Chapter 9, Sti	mulated Bri	Ilouin Scatte	ring, pp. 355-388,	
	Н	R. Selvas, J. K. Sahu, L			A B Gradinin K	H Yla Iarbi	(O S A Ala	am P W Turner	
		and J. Moore, "High-po	wer, low-noise	, Yb-doped, cla	adding-pumped, three	e-level fiber	r sources at 9	980 nm," Optics	
- 1		Letters, Vol. 28, No. 13	, July 1, 2003						

EXAMIN	ER	Tuan '	Naye	DAT	E CONSIDERE	D E	3/18/	85	
* EXAMINI	ER: I	nitial if reference conside	red whether o	or not citation is	in conformance wit	h MPEP 60	9: Draw line		
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